
**CONSTRUCTION MANAGER'S
WEEKLY STATUS REPORT
FOR THE WEEK
12/25/08 – 12/31/08**

**RECONSTRUCTION OF BENNING ROAD, NE
FROM 14TH AND H STREET TO OKLAHOMA AVENUE
CONTRACT NO. POKA 2005 - C - 0031 – CB**



Newly installed street lighting with the placement of the decorative wraps at 24th Street.



Benning Rd Reconstruction
Project Field Office
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EXECUTIVE SUMMARY

Project Description

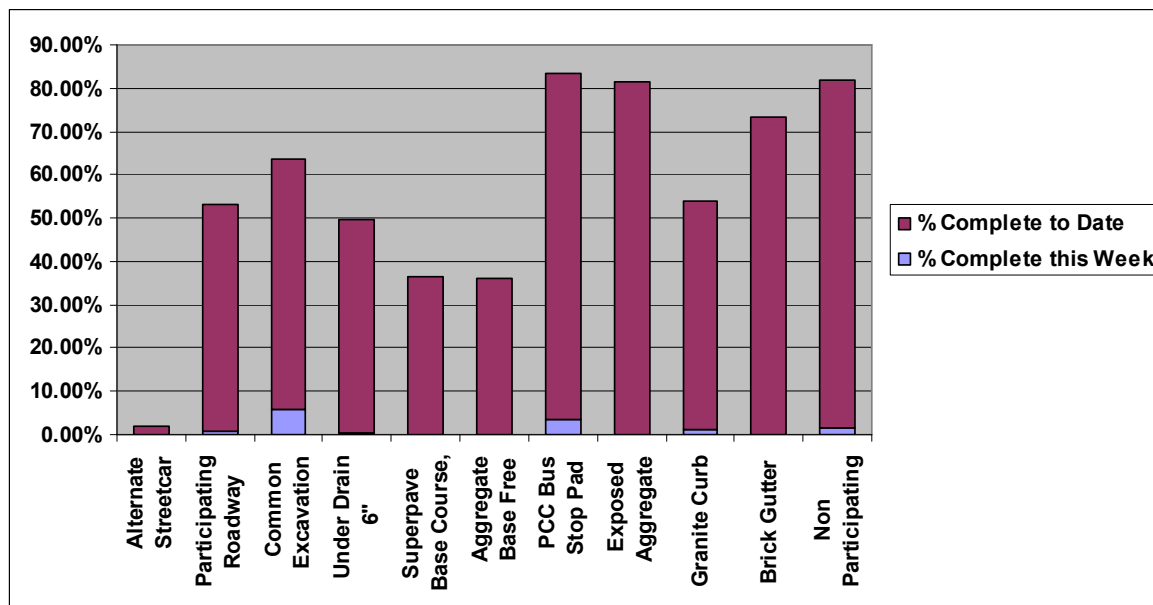
The project involves the phased reconstruction of the eastbound and westbound Benning Road, NE from 14th and H Street to Oklahoma Ave. The project also includes portions of Maryland Avenue and Bladensburg Road. Work on the project includes the following:

- Pavement Restoration with the placement of brick gutter and granite curbs adjacent to asphalt over aggregate sub base.
- Sidewalk restoration featuring exposed aggregate sidewalks surface treatment
- Safety Improvements—crosswalks, wheel chair ramps, and driveway entrances
- Streetlight and Traffic Signal Upgrades—Pedestrian level lighting, improved streetlights, upgraded traffic signal and timing
- Drainage Upgrades—New inlet basins, sewer line upgrades
- DCWASA-upgrades to water main lines
- Landscaping upgrades featuring the construction of the Starburst Plaza which will include a historical mural and multiple outdoor attractions for the neighborhood.
- Streetcar tracks: DDOT plans to install tracks from the intersection of Oklahoma Avenue and Benning Road to 3rd Street along H Street. Tracks will be installed on the eastbound and westbound lanes.
- Coordination with multiple utility companies performing construction activities within the project limits.

The total value of the contract at award to Capitol Paving of DC, Inc. is \$35,448,123.90. The notice to proceed date was December 12, 2007 with project duration of 730 calendar days for scheduled completion date of December 11, 2009.

Progress

Percent complete for Alternate Streetcar Work, Participating Roadway and WASA work are shown in the graph below. Participating Roadway is further broken down in the following key activities: Common Excavation, Under Drain 6", 19 mm Asphalt Placement, 25 mm Free Drain Placement. Bus Stop Pads, Exposed Aggregate Sidewalk, Granite Curb and Gutter.



Issues and Resolutions:

- Progress by PEPCO on the on the Feederline Replacement work has slowed between 18th Street and 19th Street due to issues in tunneling under existing utilities. A definite completion date is uncertain at this time but is expected by 12/31/08.
- Delays in the removal of and replacement of the northbound curb lane have resulted due to the tunneling work by PEPCO at 19th Street. Capitol began the removal and replacement of the north bound curb lane on 11/6/08. Completion and progress of this work is dependent upon the progress and completion of the PEPCO Feederline Replacement work.

- Work on the Starburst Area PEPCO distribution line construction, between 14th Street and 16th Street, is to start 12-8-08. The original project duration was from February 2009 to November 2009. The project timeline has been condensed due to that the delayed start of work will continue to impact the production of the Capitol Paving work for the project. The new project duration is proposed to be from mid November 2008 to May 2009.
- The PEPCO work on the Feederline Replacement and the delayed start of the PEPCO Starburst area work continues to delay progress of Roadway work. Production from Capital Paving has been reduced by 66% on a weekly basis due to the ongoing PEPCO work.

WORK PERFORMED

For the week ending December 31, 2008, the following specific construction progress has been made in the areas listed:

1. **Thursday 12/25:**

No work completed.

2. **Friday 12/26:**

Benning Road:

Graded aggregate base course on the south side at the 1600 Block. Subgrade check by QAQC DDOT and approval of the undercut on the south side at the 1600 Block. Compaction of the graded aggregate base between 17th and 18th Street. Excavation of the roadway in the middle lane between 21st Street and 23rd Street. Excavation of the roadway between 21st Street and 25th Street. Placement of temporary asphalt in the roadway between 21st Street and 26th Street. Trench excavation and formwork for electrical conduit at Oklahoma Ave.

N. Morse Street/ Bladensburg Road at Starburst Plaza:

Excavation for the installation of the 24" Ductile Iron Pipe.

PEPCO work:

Work on the excavation of the trenching, hand digging around utilities and the installation of the shoring of the trench.

Washington Gas:

Continuation of the excavation work for the installation of the trenchline for the installation of the gas line.



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3. Saturday 12/27:

Benning Road:

Undercut of the subgrade on the south side at the 1600 Block. Excavation of the roadway on the north side at the 2500 Block and the 2600 Block. Trench excavation for the electrical conduit at the Metro overpass toward 26th Street on the north side. Placement of the temporary asphalt roadway maintenance from 25th Street to 23rd Street. Manhole adjustments on the south side of 1800 Block.

4. Sunday 12/28:

No work completed.

5. Monday 12/29:

Benning Road:

Installation of the graded aggregate base on the south side at the 1600 Block. Installation of the straight curb on the southside at the 1600 Block. Repainting of the lane and pedestrian markings at Bladensburg Road. Excavation of the roadway at the intersection of 18th Street and at the northwest corner of 19th Street. Repair and adjustment of 4 manholes at the intersection of 20th Street. Installation of curb at the intersection of 17th Street. Installation of the 3-4'x4' electrical manholes from Oklahoma to the end of the project. Installation of 6 – 4" PVC conduit at Man hole #48. Installation of electrical conduit and placement of concrete for their encasement to man hole #48 and manhole #47 for the street light poles L98, L97, L95, L96 L100, L102, L101, L103 and L99.

N. Morse Street/ Bladensburg Road at Starburst Plaza:

Excavation for the installation of the 24" Ductile Iron Pipe.

PEPCO work:

Work on the excavation of the trenching, hand digging around utilities and the installation of the shoring of the trench. Repair of the manhole at 17th Street. Continuation of tunneling at 19th Street.

Washington Gas:

Continuation of the excavation work for the installation of the gas line at 19th Street.

6. Tuesday 12/30:

Benning Road:

Excavation of the roadway at the intersection of 19th Street. Continuation of the adjustment of manholes at the intersection of 20th street. Leveling and compaction of the subgrade graded aggregate base at the intersection of 18th Street. Placement of the graded aggregate base and the compaction on the south side at the 1600 Block. Preparation of the Bus Pad and density testing with approval on the south side at the 1600 Block. Installation of several electrical conduits with the placement of concrete for their encasement at man holes #47, #45 and #46, for streetlights L93, L94, L91 & L92.

N. Morse Street/ Bladensburg Road at Starburst Plaza:

Excavation for the installation of the 24" Ductile Iron Pipe and bend.

PEPCO work:

Work on the excavation of the trenching, hand digging around utilities and the installation of the shoring of the trench. Continuation of the tunneling work at 19th Street.

Washington Gas:

Continuation of the excavation work for the installation of the gas line and service connection work.

7. Wednesday 12/31:

Benning Road:

Installation of the bus stop pad and the performance of the concrete test cylinders by QA/QC on the south side at 1600 Block. Excavation of the roadway at the intersection of 19th Street. Installation of the underdrain pipe at the intersection of 19th Street. Leveling and preparation of the base and compaction for the bus pad at the south west corner of 19th Street. Installation of several electrical conduits with the placement of concrete for their encasement at man holes #46 & #44, for streetlights L90, L87, L88 & L89.

Starburst Plaza:

Installation of the 12" ductile iron pipe for watermain "D".

PEPCO work:

Work on the excavation of the trenching, hand digging around utilities and the installation of the shoring of the trench. Continuation of the tunneling work at 19th Street.

Washington Gas:

Continuation of the excavation work for the installation of the gas line and service connection work at 19th Street.

Utilities Reconstruction Update 12-31-08

PEPCO:

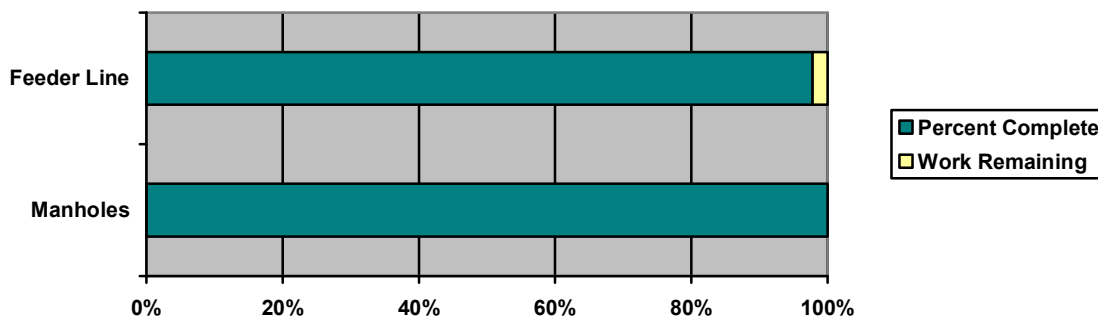
Distribution Line Duct Bank Construction:

Manholes Completed:	20	Total Manholes:	20	%Complete:	100%
12 Way Length Complete:	7764'	Total Length:	7764'	%Complete:	100%
14 Way Length Complete:	1619'	Total Length:	1619'	%Complete:	100%
10 Way Length Complete:	34'	Total Length:	34'	%Complete:	100%

PEPCO Feeder Line Replacement:

4000' total feeder	3915 feet complete	97.88% complete
6 Manholes total	6 completed	100% complete

Work has started on 9/11/08. Initial saw cutting of the roadway was completed on 9/10/08. Expected duration is 180 days. The anticipated completion date is 12/24/08.



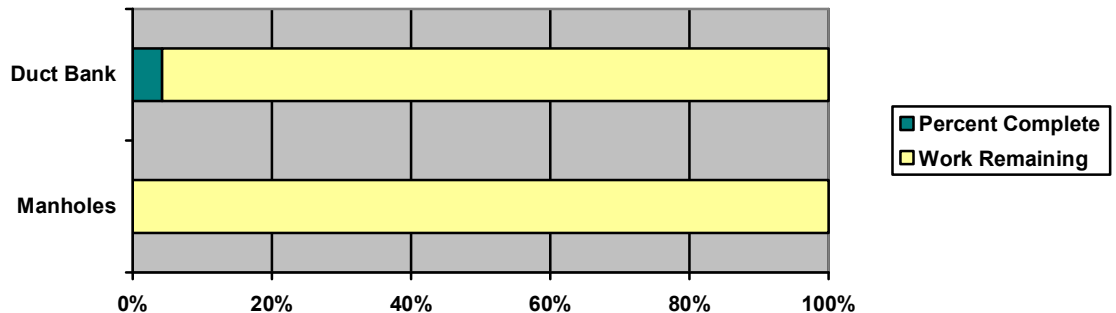
- 40 feet of feeder line was installed within this weekly report period

The delay in the start of this work has impacted the production of Capitol Paving work. Production from Capitol Paving has been reduced by 66% on a weekly basis.

Starburst Distribution Line Duct Bank Construction:

Start: 11/24/08 Completion: 05/01/09

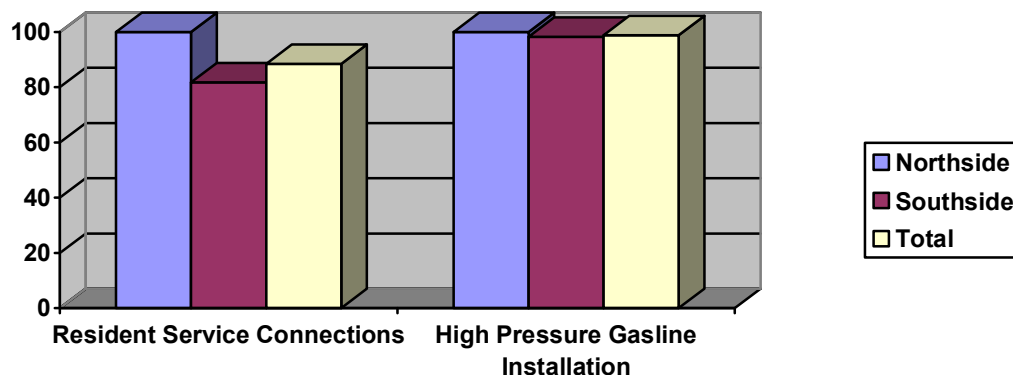
2363' total feet of ductbank 100 feet complete 4.23% complete
 5 Manholes total 0 completed 0% complete



Washington Gas:

Washington Gas continued the work on the south side gas main installation and connections on 10-14-08. The schedule for the Resident Service Connections and High Pressure gas line installation is on track.

Washington Gas: Percent of Work Completed





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Northside:

Completed Connections:	43	Total Connections	43	%Complete:	100%
Gas Main install complete:	1290'	Total Length	1290'	%Complete:	100%

Southside:

Completed Connections:	36	Total Connections	44	%Complete:	81.8%
Gas Main install complete:	3268'	Total Length	3325'	%Complete:	98.3%

Project Totals:

Completed Connections:	77	Total Connections	87	%Complete:	88.5%
Gas Main install complete:	4558'	Total Length	4615'	%Complete:	98.8%

Clear Channel:

Four bus stops requiring electrical connections have been completed.

An additional bus stop shelter was installed at 19th Street. Electrical connections for this shelter are pending. Bus stop pavement for the bus stop at the north east corner of 26th Street is pending repair due a difference in elevation between the bus stop and the newly installed exposed aggregate sidewalk.



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Attachment A:

**RECONSTRUCTION OF BENNING ROAD N.E.
TWO WEEK LOOK AHEAD SCHEDULE
STARTING 12-30-08 TO 1-13-09**

Bladensburg Rd. & Morse St

- **12-30-08 Continue to work on water main D (6 Days)**

21st & Benning Rd. to Metro Overpass

- **12-30-08 Continue streetlight conduit Installation (10 Days)**

1600 & 1700 Block Benning Rd. S/S

- **12-30-08 Continue fine grading (3 Days)**
- **12-30-08 Construct bus pad SWC @ 17th St. (2 Days)**
- **12-31-08 Abandon old watermain valves in 1700 block (3 Days)**

17th & Benning Rd.

- **12-31-08 Fire hydrant replacement SWC (2 Days)**

18th & Benning Rd.

- **12-30-08 Begin setting Granite curb & brick gutter SWC (4 Days)**

19th & Benning Rd.

- **12-30-08 Construct bus pad SWC (2 Days)**
- **12-30-08 Set granite curb & brick gutter SWC (4 Days)**

Nationwide Electrical Work

- **12-30-08 Begin installation of streetlight pole foundations (4 days)**
- **12-30-08 Install conduits and manholes from Metro overpass towards 21st St. (10 Days)**
- **12-30-08 Continue to install shrouds on streetlight poles (3 Days)**



Installation of temporary asphalt in the roadway near RFK Stadium.



Installation of electrical conduit for the street lighting at 26th Street.



Installation of the 24" Ductile Iron Pipe at Morse Street near Starburst Plaza.



Repair and adjustment of 4 manholes at the intersection of 20th Street.



Repainting of the pedestrian walkway at Bladensburg Road intersection.



Installation of the granite curbs on the south side at the 1900 Block.